

GB 0001290

JAN 1886

(1 SHEET)

1886-01

FIG. 1.

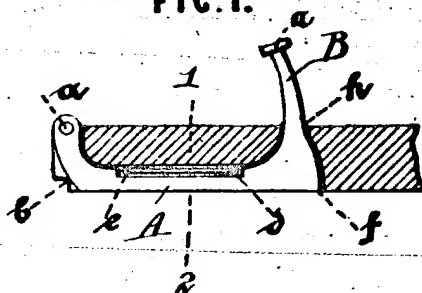


FIG. 2.

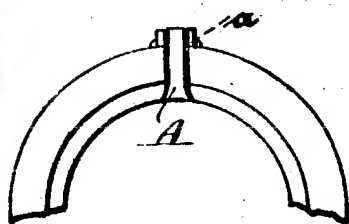
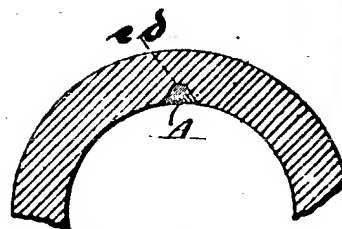
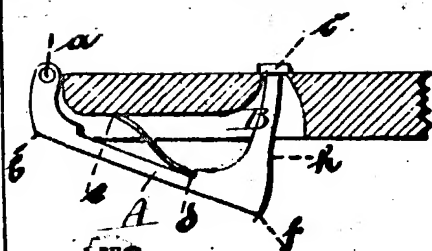


FIG. 3.



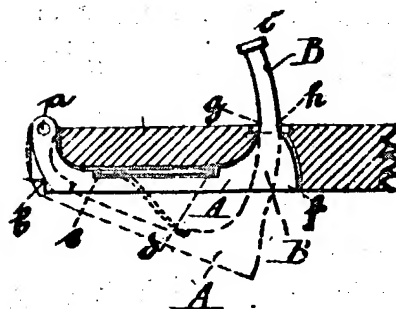
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FIG. 4.



such
operations
transverse b
as so as to pre
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FIG. 5.



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A.D. 1886, 28th JANUARY. N° 1290.

COMPLETE SPECIFICATION.

An Attachment for Firearms for Indicating when they are Loaded.

I D^B GEORG FLAISCHLEN of Fassey in the Kingdom of Roumania do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

5 My Invention relates to an indicator attachment for firearms whereby it is rendered possible to very readily ascertain when the gun is loaded by means of an indicator operated by the cartridge or charge herein after described.

Breech loading firearms (except those of the Lefauchaux type) are usually defective in that they do not afford any means for ascertaining by mere external
10 examination or inspection whether they are loaded or unloaded.

By means of my invention this defect is remedied by the employment of a device herein after described which operates automatically on the insertion or withdrawal of the cartridge in such a manner as to give an external indication showing that the gun is loaded or unloaded as the case may be.

15 And in order that my said Invention may be fully understood I shall now proceed more particularly to describe the same and for that purpose shall refer to the several figures on the annexed sheet of drawings the same letter of reference indicating corresponding parts in all the figures.

Figures 1, 4 and 5 of the accompanying drawings represent longitudinal sections
20 of a portion of the breech of a gun provided with an indicator device according to my invention and figures 2 and 3 represent respectively an end elevation and a transverse section of the same the latter being taken on the line 1 2. Figure 1.

The said device consists essentially of a lever A centred at one extremity on a pin *a* outside the breech and extending for a certain distance into the breech and
25 provided at its other extremity with an arm B which passes through a hole in the side of the breech so as to be capable of projecting from the exterior as indicated in figures 1 and 5. A spring *d e* acts upon the lever A in such a manner that when the gun is not loaded the lever is projected by the said spring into the breech chamber as indicated in Figure 4 and in dotted lines in Figure 5 but when a
30 cartridge is introduced into the chamber the shank of the lever is pushed against the side of the breech so that the arm B on its extremity is caused to protrude externally as indicated in Figure 1 and in full lines in Figure 5. In order to

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Flaischlen's Attachment for Firearms for Indicating when they are Loaded.

prevent the indicator arm B from slipping out of the hole when the breech is empty a small disc, button or projection *c* is fixed or formed on its outer end. The outer part of the hole in the breech may be countersunk so as to present a suitable recess for the reception of this button as indicated at *g* in figure 5. The hinder end of the lever is secured by the screwed pin *a* so as to enable the indicator to be readily removed for the purpose of cleaning the gun.

The hole in the side of the breech and the indicator arm B which works in this hole are preferably curved to an arc of a circle struck from the axis *a* of the lever as a centre in order that the said arm may move freely and truly therein these two parts being somewhat in the form of a frustum of a cone whose apex is directed away from the breech as indicated at *f h* and being fitted accurately together. The inner side of the lever is formed to coincide with or form a continuation of the surface of the breech as indicated in figure 3 and the lever together with the spring are arranged to accurately fit into and fill the recess provided for their reception in the side of the breech chamber so as to form a hermetic closure and present the requisite resistance to compression. The hinder end of the lever is rounded as indicated at *b* in order that the lever may drop freely or remain depressed when the breech is closed. The pressure of the spring tends to prevent the cartridge from accidentally falling out of the breech when the latter is open.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is

An indicator attachment for fire arms consisting of a lever provided with an indicator arm or projection and a spring arranged and operating substantially as hereinbefore described and illustrated in the accompanying drawings.

Dated the 28th day of January 1886.

J. HENRY JOHNSON,
Agent.

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For Her Majesty's Stationery Office.

1886.